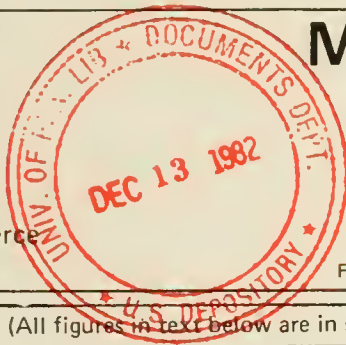




U.S. Department of Commerce
BUREAU OF THE CENSUS



Manufacturers' Shipments, Inventories, and Orders

SEPTEMBER 1982

M3-1(82)-9

FOR WIRE TRANSMISSION 2:30 P.M. E.S.T. TUESDAY, NOVEMBER 2, 1982

(All figures in text below are in seasonally adjusted current dollars.)

New orders for manufactured goods in September increased \$1.1 billion or 0.7 percent to \$155.5 billion; the Department of Commerce, Bureau of the Census reported today. The increase was attributable to the nondurable goods sector where orders were up \$1.2 billion or 1.5 percent to \$82.6 billion. In the nondurable goods sector new orders for the most part reflect shipments during the month; September shipments were up 1.2 percent from August. New orders in the durable goods sector declined in September \$0.1 billion or 0.1 percent to \$72.9 billion; this was revised from an earlier reported increase of 0.2 percent.

Shipments by manufacturers in September showed a small decrease of \$0.1 billion to \$158.6 billion, with offsetting movements in the durable and nondurable goods categories. Shipments of durable goods declined in September \$1.1 billion or 1.4 percent to \$76.2 billion, while shipments of nondurable goods increased \$1.0 billion or 1.2 percent to \$82.4 billion. Shipments of durable goods so far this year total \$699.7 billion, 7.9 percent lower than the 1st 9 months of 1981; shipments of nondurable goods total \$728.0 billion for the 1st 9 months of this year, 2.8 percent less than the same period in 1981.

The backlog of manufacturers orders continued to decline. In September the backlog decreased \$3.1 billion or 1.0 percent to \$296.0 billion, the 14th consecutive monthly decline. The book value of manufacturers' inventories was also down in September, the 9th decline in the last 10 months. The September decline was \$2.2 billion or 0.8 percent to \$272.2 billion.

Within the major industry groups, the decline in durable goods new orders in September reflected decreases in transportation equipment and primary metals orders. The decline in the transportation equipment category was \$1.7 billion or 10.3 percent to \$14.4 billion with the aircraft and parts and motor vehicle and parts industries causing the decline. The decrease in primary metals orders was \$0.3 billion or 3.1 percent to \$7.9 billion; a large decline in the steel category of \$0.4 billion or 9.6 percent was partially offset by a \$0.2 billion or 4.1 percent increase in the nonferrous category. New orders for machinery, both electrical and nonelectrical, increased in September; the nonelectrical category was up 0.8 billion or 6.0 percent to \$13.9 billion, while the electrical category was up \$0.5 billion or 4.4 percent to \$12.1 billion.

Within the capital goods industries new orders for nondefense capital goods increased \$0.9 billion or 4.7 percent to \$19.8 billion. Virtually all of the increase was attributable to the machinery industries. New orders for defense capital goods, which is extremely volatile month to month, declined in September \$1.1 billion or 20.2 percent to \$4.2 billion.

Shipments of durable goods in September were down 1.4 percent following a 2.3 percent decline in August. The transportation equipment industry showed the largest decline in September, down \$1.4 billion or 8.2 percent to \$16.2 billion, with the motor vehicle and parts category accounting for almost the entire decline. The shipments increase in the nondurable goods sector of 1.2 percent resulted mostly from increases in the food products and petroleum products industries of \$0.9 billion or 3.8 percent and \$0.5 billion or 3.1 percent respectively. Both of these industries showed large declines last month; food product shipments were down \$1.0 billion or 4.3 percent in August, and petroleum product shipments were down \$0.7 billion or 4.0 percent.

The September decline in the orders backlog reflected widespread decreases. Transportation equipment declined \$1.7 billion or 1.5 percent, nonelectrical machinery \$1.4 billion or 2.4 percent, fabricated metals \$0.6 billion or 2.5 percent and primary metals \$0.3 billion or 1.3 percent.

The September decline in the book value of inventories of 0.8 percent was the largest since the 0.9 percent decline in May. The nondurable goods industries, down 1.6 percent, accounted for about 2/3 of the September decline, with most of the component industries decreasing. The September decline in the durable goods industries reflected decreases in most of the industries except transportation equipment.

The inventory to shipments ratio in September stood at 1.72, down from 1.73 in August.

The figures on the durable goods industries in this report supersede those issued earlier in the advance report on durable goods. The present report is based on more complete reporting, but the estimates are also considered preliminary. Final figures will appear as historical data in the report to be published for next month. The advance report on durable goods for October is scheduled for release on November 23, 1982, and full report is scheduled for release on December 2, 1982.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Swindell-Menth, (301) 763-2502.

For sale by Customer Services (DUSD) Bureau of the Census, Washington, D.C. 20233, or any U.S. Department of Commerce district office. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by a draft on a U.S. bank. Price, 30 cents per copy, \$3.60 per year.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

| SIC | Industry | Seasonally adjusted | | | | | | | | | | | | Not seasonally adjusted ¹ | | | | | | | | | | | | Year-to-date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | Monthly | | | | | | Quarterly | | | Last 4 months | | | | | | Monthly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Monthly | | | | | | Quarterly | | | Last 4 months | | | | | | Monthly | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Sept. 1982 ^b | Aug. 1982 ^r | July 1982 | June 1982 | III 1982 ^p | II 1982 | I 1982 | Sept. 1982 ^p | Aug. 1982 ^r | July 1982 | June 1982 | Sept. 1981 | Aug. 1981 | July 1981 | June 1981 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTALS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

See footnotes at end of table.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES--Continued

(Millions of dollars)

| SIC | Industry | Seasonally adjusted | | | | | Not seasonally adjusted ¹ | | | | | | | | | | | | |
|---------|--|-------------------------|------------------------|-----------|-----------|-----------------------|--------------------------------------|--------|-------------------------|------------------------|-----------|-----------|------------|-----------|--------|--------|-----------|-----------|--|
| | | Monthly | | | Quarterly | | Monthly | | | | | | | | 1982 | 1981 | | | |
| | | Sept. 1982 ^p | Aug. 1982 ^r | July 1982 | June 1982 | III 1982 ^p | II 1982 | I 1982 | Sept. 1982 ^p | Aug. 1982 ^r | July 1982 | June 1982 | Sept. 1981 | Aug. 1981 | | | July 1981 | June 1981 | |
| | | | | | | | | | | | | | | | | | | | |
| | INDUSTRY GROUPS AND INDUSTRIES--Continued | | | | | | | | | | | | | | | | | | |
| | Durable goods and industries--Continued | | | | | | | | | | | | | | | | | | |
| 36 | Electrical machinery,..... | 11,494 | 11,434 | 12,108 | 11,639 | 35,036 | 35,228 | 34,170 | 12,129 | 11,131 | 10,654 | 12,354 | 12,397 | 11,465 | 10,463 | 12,452 | 103,796 | 103,030 | |
| 361,2 | Electrical transmission and distribution apparatus..... | 1,723 | 1,671 | 1,731 | 1,715 | 5,125 | 5,222 | 5,307 | 1,772 | 1,615 | 1,503 | 1,868 | 1,947 | 1,927 | 1,645 | 2,049 | 15,720 | 16,785 | |
| 363 | Household appliances..... | 1,066 | 1,109 | 1,051 | 1,035 | 3,226 | 3,105 | 3,016 | 1,151 | 1,134 | 1,013 | 1,128 | 1,216 | 1,134 | 1,104 | 1,313 | 9,435 | 10,442 | |
| 365 | Radio and TV..... | 670 | 607 | 744 | 697 | 2,021 | 2,095 | 2,028 | 3,607 | 3,612 | 3,598 | 3,769 | 3,883 | 3,718 | 3,689 | 3,869 | 5,835 | 6,429 | |
| 366 | Communication equipment..... | 3,698 | 3,698 | 4,058 | 3,713 | 11,454 | 11,352 | 10,995 | 3,807 | 3,565 | 3,554 | 4,014 | 3,606 | 3,360 | 3,182 | 3,760 | 33,676 | 30,445 | |
| 367 | Electronic components..... | 2,403 | 2,462 | 2,499 | 2,484 | 7,344 | 7,465 | 7,067 | 2,530 | 2,359 | 2,244 | 2,556 | 2,526 | 2,352 | 2,182 | 2,336 | 21,867 | 21,401 | |
| 37 | Transportation equipment..... | 16,153 | 17,589 | 17,806 | 17,573 | 51,548 | 50,832 | 44,804 | 16,660 | 14,616 | 14,767 | 18,983 | 17,203 | 15,339 | 14,801 | 20,022 | 145,462 | 153,934 | |
| 371 | Motor vehicles and parts..... | 9,542 | 11,018 | 10,918 | 10,420 | 31,478 | 30,038 | 24,427 | 9,773 | 8,483 | 8,412 | 11,361 | 9,365 | 8,338 | 8,217 | 11,942 | 86,413 | 88,295 | |
| 372,6 | Aircraft, missiles, and parts..... | 5,210 | 5,201 | 5,306 | 5,681 | 15,717 | 16,183 | 15,246 | 5,485 | 4,822 | 4,896 | 6,078 | 5,982 | 5,146 | 4,844 | 6,035 | 46,989 | 48,491 | |
| 3731 | Shipbuilding and military tank vehicles,..... | 945 | 853 | 989 | 929 | 2,787 | 2,823 | 2,839 | 963 | 829 | 954 | 968 | 983 | 1,008 | 948 | 1,047 | 8,358 | 8,667 | |
| 3795 | Instruments and related products..... | 4,005 | 3,894 | 3,905 | 4,007 | 11,804 | 11,820 | 11,628 | 4,276 | 3,873 | 3,519 | 4,285 | 4,291 | 3,878 | 3,613 | 4,291 | 35,028 | 35,394 | |
| 38 | Scientific and engineering... Photographic goods..... | 2,444 | 2,320 | 2,316 | 2,314 | 7,080 | 6,868 | 6,972 | 2,573 | 2,258 | 2,047 | 2,492 | 2,582 | 2,370 | 2,126 | 2,568 | 20,895 | 21,165 | |
| 381-4 | | 1,338 | 1,371 | 1,361 | 1,453 | 4,070 | 4,240 | 3,974 | 1,448 | 1,403 | 1,270 | 1,545 | 1,423 | 1,247 | 1,251 | 1,445 | 12,087 | 11,871 | |
| 24 | All other durable goods industries..... | 7,884 | 7,691 | 8,166 | 7,859 | 23,741 | 23,449 | 23,472 | 8,642 | 8,175 | 7,487 | 8,192 | 8,870 | 8,538 | 7,864 | 9,085 | 70,717 | 75,920 | |
| 25 | Non-durable goods industries: | | | | | | | | | | | | | | | | | | |
| 20 | Food and kindred products..... | 23,130 | 22,275 | 23,277 | 23,315 | 68,682 | 68,635 | 67,182 | 24,159 | 22,335 | 21,657 | 23,812 | 23,515 | 22,684 | 21,301 | 23,402 | 203,457 | 202,468 | |
| 201 | Meat products..... | 6,162 | 6,129 | 6,294 | 6,426 | 18,585 | 18,683 | 17,285 | 6,186 | 6,215 | 5,954 | 6,285 | 6,268 | 6,302 | 5,815 | 5,977 | 53,944 | 52,785 | |
| 208 | Beverages..... | 3,067 | 2,950 | 2,971 | 3,002 | 8,988 | 9,315 | 9,222 | 3,113 | 3,165 | 3,111 | 3,437 | 2,796 | 2,950 | 3,002 | 3,261 | 27,566 | 25,259 | |
| 207 | Fats and oils..... | 1,255 | 1,319 | 1,436 | 1,490 | 4,010 | 4,312 | 4,305 | 1,281 | 1,281 | 1,331 | 1,430 | 1,588 | 1,571 | 1,448 | 1,648 | 12,541 | 14,209 | |
| 203-6,9 | All other foods..... | 9,399 | 8,796 | 9,342 | 9,135 | 27,537 | 26,663 | 26,979 | 10,254 | 8,576 | 8,062 | 9,309 | 9,735 | 8,798 | 7,897 | 9,432 | 80,800 | 82,310 | |
| 21 | Tobacco products..... | 1,511 | 1,243 | 1,021 | 1,351 | 3,775 | 3,636 | 3,378 | 1,492 | 1,279 | 1,024 | 1,388 | 1,135 | 1,162 | 1,132 | 1,096 | 10,687 | 9,583 | |
| 22 | Textile mill products..... | 4,102 | 4,193 | 4,074 | 4,217 | 12,376 | 12,423 | 12,309 | 4,370 | 4,259 | 3,412 | 4,567 | 4,884 | 4,589 | 3,856 | 4,883 | 37,177 | 39,813 | |
| 26 | Paper and allied products..... | 6,328 | 6,349 | 6,278 | 6,425 | 19,355 | 19,234 | 19,914 | 6,507 | 6,721 | 6,080 | 6,727 | 6,829 | 6,815 | 6,239 | 6,868 | 59,133 | 60,164 | |
| 261-3 | Pulp, paper, etc..... | 2,730 | 2,679 | 2,650 | 2,677 | 8,059 | 7,988 | 8,499 | 2,704 | 2,704 | 2,492 | 2,810 | 2,991 | 2,876 | 2,670 | 2,927 | 24,738 | 25,883 | |
| 265 | Paperboard containers..... | 1,521 | 1,512 | 1,530 | 1,528 | 4,563 | 4,453 | 4,539 | 1,572 | 1,550 | 1,416 | 1,572 | 1,651 | 1,609 | 1,509 | 1,665 | 13,664 | 14,248 | |
| 264 | All other paper products..... | 2,077 | 2,358 | 2,298 | 2,220 | 6,733 | 6,793 | 6,877 | 2,231 | 2,467 | 2,172 | 2,345 | 2,185 | 2,330 | 2,060 | 2,256 | 20,725 | 20,015 | |
| 28 | Chemicals and allied products..... | 14,434 | 14,351 | 14,259 | 14,595 | 43,244 | 42,482 | 41,658 | 14,906 | 13,977 | 12,960 | 15,360 | 15,222 | 14,283 | 13,635 | 15,667 | 129,277 | 134,366 | |
| 281,6 | Industrial chemicals, except pigments..... | 4,476 | 4,628 | 4,547 | 4,626 | 13,651 | 13,589 | 13,801 | 4,396 | 4,411 | 4,183 | 4,825 | 5,073 | 4,972 | 4,847 | 5,458 | 41,673 | 46,722 | |
| 283,4 | Drugs, soap, and toiletries..... | 4,124 | 4,255 | 4,153 | 4,276 | 12,532 | 12,155 | 11,151 | 4,891 | 4,719 | 3,796 | 4,772 | 4,465 | 3,533 | 3,351 | 3,877 | 35,937 | 33,135 | |
| 289 | Petroleum and coal products, except refined petroleum..... | 17,498 | 16,976 | 17,690 | 17,592 | 52,164 | 51,468 | 48,733 | 17,510 | 17,006 | 17,341 | 17,770 | 18,199 | 18,617 | 17,965 | 18,683 | 152,483 | 165,830 | |
| 30 | Rubber and plastics products, n.e.c..... | 3,520 | 3,590 | 3,807 | 3,762 | 10,917 | 10,831 | 10,580 | 3,641 | 3,682 | 3,469 | 3,898 | 4,074 | 4,024 | 3,714 | 4,217 | 32,580 | 35,536 | |
| 23 | All other nondurable goods industries..... | 11,850 | 11,989 | 11,740 | 11,374 | 35,579 | 34,209 | 35,278 | 12,766 | 12,554 | 11,249 | 11,350 | 12,563 | 12,309 | 11,419 | 11,530 | 104,110 | 101,910 | |
| 27 | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | |

¹Preliminary. Revised,

Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations. Unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

The supplementary series are regroupings of the separate industry categories as follows

Household durable goods industries--Household furniture; kitchen articles and pottery; cutlery, handtools, and hardware; household appliances; radio and TV; ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Capital goods industries--Comparable to the previous producers' capital goods and the defense products (old series) categories.

Nondefense products--Machinery, except electrical (excluding farm machinery and equipment and machine shops), electrical machinery (excluding household appliances, radio and TV, and electronic components), and the nondefense portions of shipbuilding and repairing and railroad equipment, communication equipment, aircraft and aircraft parts, and ordnance.

Defense products--Based on separate reports on defense work filed by large defense contractors in the following industries: Ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding. The data are comparable to those published annually in the MA-175, "Shipments to Federal Government Agencies" (formerly "Shipments of Defense-Oriented Industries"). for the specified industries

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

| SIC | Industry | Seasonally adjusted | | | | | | | | | | Not seasonally adjusted ¹ | | | | | | | | | |
|-----------------------------------|---|----------------------------|---------------------------|--------------|--------------|--------------------------|------------|-----------|----------------------------|---------------------------|--------------|--------------------------------------|---------------|--------------|--------------|--------------|--------------------------|------|--|--|--|
| | | Monthly | | | | | Quarterly | | | | | Monthly | | | | | Last 4 months a year ago | | | | |
| | | | | | | | | | | | | Last 4 months | | | | | | | | | |
| | | Sept. 1982 ^p | Aug. 1982 ^r | July 1982 | June 1982 | III 1982 ^p | II 1982 | I 1982 | Sept. 1982 ^p | Aug. 1982 ^r | July 1982 | June 1982 | Sept. 1981 | Aug. 1981 | July 1981 | June 1981 | 1982 | 1981 | | | |
| TOTALS | | | | | | | | | | | | | | | | | | | | | |
| | All manufacturing industries..... | 155,519 | 154,380 | 158,588 | 157,058 | 468,487 | 468,844 | 467,702 | 161,139 | 149,397 | 143,375 | 162,730 | 172,209 | 164,078 | 156,351 | 177,036 | 1,402,575 | | | | |
| | Manufacturing industries excluding transportation..... | 141,092 | 138,296 | 141,073 | 140,711 | 420,461 | 419,891 | 418,077 | 145,025 | 136,873 | 129,667 | 145,711 | 154,178 | 148,989 | 140,981 | 158,912 | 1,259,379 | | | | |
| | Manufacturing industries with unfilled orders..... | 77,626 | 76,721 | 79,761 | 78,418 | 234,108 | 238,576 | 246,236 | 80,477 | 73,275 | 70,252 | 81,052 | 90,821 | 84,985 | 80,975 | 92,341 | 716,032 | | | | |
| | Durable goods industries..... | 72,929 | 72,082 | 76,446 | 74,550 | 222,357 | 226,454 | 229,229 | 75,596 | 67,545 | 66,393 | 78,199 | 86,032 | 79,679 | 77,204 | 90,888 | 674,890 | | | | |
| | Durable goods with unfilled orders..... | 60,573 | 59,540 | 63,019 | 61,551 | 183,132 | 188,301 | 194,817 | 62,634 | 55,857 | 54,743 | 64,025 | 72,586 | 67,335 | 64,841 | 74,906 | 563,357 | | | | |
| | Nondurable goods industries..... | 82,590 | 81,398 | 82,142 | 82,508 | 246,130 | 242,392 | 238,473 | 85,543 | 81,852 | 76,982 | 84,531 | 86,177 | 84,399 | 79,147 | 86,148 | 727,683 | | | | |
| | Industries with unfilled orders..... | 17,053 | 17,181 | 16,742 | 16,867 | 50,976 | 50,276 | 51,419 | 17,843 | 17,418 | 15,509 | 17,027 | 18,235 | 17,651 | 16,134 | 17,435 | 152,673 | | | | |
| | Industries without unfilled orders..... | 65,537 | 64,217 | 65,400 | 65,641 | 195,154 | 192,117 | 187,054 | 67,700 | 64,434 | 61,473 | 67,504 | 67,942 | 66,748 | 63,013 | 68,713 | 575,009 | | | | |
| MARKET CATEGORIES | | | | | | | | | | | | | | | | | | | | | |
| | Home goods and apparel..... | 11,241 | 11,099 | 11,181 | 10,966 | 33,521 | 32,071 | 32,986 | 12,394 | 12,074 | 10,150 | 11,391 | 12,574 | 12,555 | 10,923 | 12,472 | 98,767 | | | | |
| | Consumer staples..... | 31,303 | 30,181 | 30,590 | 31,070 | 92,074 | 90,887 | 88,796 | 33,167 | 30,112 | 28,787 | 31,853 | 31,220 | 29,258 | 27,947 | 30,391 | 269,967 | | | | |
| | Equipment and defense products, except automotive..... | 21,641 | 21,542 | 22,390 | 23,179 | 65,573 | 71,143 | 78,097 | 23,141 | 18,797 | 19,373 | 23,917 | 27,416 | 23,681 | 23,358 | 26,573 | 212,012 | | | | |
| | Automotive equipment..... | 11,195 | 11,928 | 12,647 | 11,887 | 35,770 | 33,910 | 28,494 | 11,552 | 9,424 | 10,117 | 12,789 | 10,853 | 10,161 | 10,126 | 13,621 | 96,717 | | | | |
| | Construction materials, supplies, and intermediate products..... | 11,701 | 11,429 | 12,008 | 11,384 | 35,138 | 33,979 | 33,970 | 12,270 | 12,079 | 11,677 | 12,319 | 12,996 | 12,833 | 12,829 | 14,378 | 103,825 | | | | |
| | Other materials, supplies, and intermediate products..... | 68,438 | 68,201 | 69,772 | 68,574 | 206,411 | 206,858 | 205,160 | 68,615 | 66,951 | 63,271 | 70,461 | 77,151 | 75,590 | 71,169 | 79,601 | 621,295 | | | | |
| SUPPLEMENTARY SERIES ² | | | | | | | | | | | | | | | | | | | | | |
| | Household durable goods industries..... | 4,993 | 4,670 | 4,990 | 5,004 | 14,653 | 14,280 | 14,800 | 5,488 | 4,974 | 4,357 | 5,218 | 5,649 | 5,423 | 4,653 | 5,782 | 47,232 | | | | |
| | Stone, clay, and glass..... | 24,031 | 24,207 | 25,006 | 24,715 | 73,244 | 78,604 | 86,302 | 25,483 | 21,457 | 21,522 | 25,654 | 31,556 | 27,047 | 26,144 | 29,890 | 234,985 | | | | |
| | Capital goods industries..... | 19,789 | 18,893 | 20,322 | 19,278 | 59,004 | 62,218 | 65,450 | 20,069 | 16,986 | 18,036 | 20,980 | 24,684 | 22,760 | 22,173 | 25,823 | 186,127 | | | | |
| | Nondefense..... | 4,242 | 5,316 | 4,684 | 5,437 | 14,240 | 16,386 | 20,851 | 5,414 | 4,471 | 3,486 | 4,674 | 6,873 | 4,287 | 3,973 | 4,067 | 48,854 | | | | |
| | Defense..... | | | | | | | | | | | | | | | | 41,186 | | | | |
| INDUSTRY GROUPS AND INDUSTRIES | | | | | | | | | | | | | | | | | | | | | |
| | Durable goods industries: | 3,810 | 3,707 | 3,751 | 3,792 | 11,268 | 11,311 | 11,093 | 4,059 | 3,882 | 3,719 | 4,085 | 4,185 | 4,206 | 4,169 | 4,607 | 37,547 | | | | |
| 32 | Stone, clay, and glass..... | 7,921 | 8,178 | 8,660 | 8,617 | 24,759 | 25,207 | 25,000 | 7,467 | 7,538 | 7,188 | 8,290 | 10,463 | 10,799 | 10,462 | 11,514 | 74,715 | | | | |
| 33 | Primary metals..... | 3,390 | 3,749 | 3,999 | 3,789 | 11,138 | 11,300 | 11,642 | 2,988 | 3,253 | 3,184 | 3,499 | 5,140 | 5,390 | 5,285 | 5,996 | 33,551 | | | | |
| 331 | Iron and steel mills..... | | | | | | | | | | | | | | | | | | | | |
| 333-5,9 | Nonferrous and other primary metal products..... | 3,921 | 3,765 | 3,797 | 3,939 | 11,483 | 11,508 | 11,073 | 3,896 | 3,626 | 3,240 | 3,926 | 4,323 | 4,413 | 4,169 | 4,499 | 34,303 | | | | |
| 34 | Fabricated metal products..... | 8,819 | 8,897 | 9,368 | 9,389 | 27,088 | 27,783 | 27,648 | 9,205 | 8,867 | 8,589 | 9,885 | 10,348 | 9,910 | 10,084 | 11,445 | 83,061 | | | | |
| 35 | Machinery, except electrical..... | 13,871 | 13,021 | 12,876 | 13,015 | 39,838 | 42,685 | 44,063 | 13,711 | 11,506 | 11,671 | 14,478 | 17,389 | 15,552 | 14,874 | 18,653 | 126,509 | | | | |
| 351 | Engines and turbines..... | 923 | 1,051 | 951 | 952 | 2,925 | 3,285 | 3,397 | 964 | 1,009 | 767 | 965 | 1,567 | 978 | 1,067 | 1,346 | 9,558 | | | | |
| 353 | Construction, mining, and material-handling equipment..... | 2,597 | 2,160 | 2,487 | 2,528 | 7,244 | 6,643 | 7,651 | 2,566 | 1,992 | 2,341 | 2,551 | 3,120 | 3,133 | 3,343 | 3,707 | 21,811 | | | | |
| 354 | Metalworking machinery..... | 600 | 736 | 687 | 740 | 2,023 | 2,012 | 1,993 | 595 | 696 | 582 | 819 | 779 | 800 | 644 | 887 | 7,601 | | | | |
| 356 | General industrial machinery..... | 1,151 | 1,032 | 1,123 | 981 | 3,306 | 3,271 | 3,894 | 1,075 | 1,009 | 1,034 | 1,078 | 1,277 | 1,613 | 1,451 | 1,483 | 10,566 | | | | |

See footnotes at end of table.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES--Continued

| | | Seasonally adjusted | | | | | Not seasonally adjusted ¹ | | | | | | | | | | | | | |
|-------|--|----------------------------|---------------------------|--------------|--------------|-------------------------|--------------------------------------|---------------------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------------------|--------|---------|---------|--------------|--|
| SIC | Industry | Monthly | | | | Quarterly II 1982 | Monthly | | | | Last 3 months | | | | Last 4 months a year ago | | | | Year-to-date | |
| | | Sept. 1982 ^p | Aug. ^r 1982 | July 1982 | June 1982 | | Sept. 1982 ^p | Aug. ^r 1982 | July 1982 | June 1982 | Sept. 1981 | Aug. 1981 | July 1981 | June 1981 | 1982 | 1981 | | | | |
| | INDUSTRY GROUPS AND INDUSTRIES-- Continued | | | | | | | | | | | | | | | | | | | |
| | Durable goods industries-- Continued | | | | | | | | | | | | | | | | | | | |
| 36 | Electrical machinery..... | 12,081 | 11,572 | 12,396 | 11,705 | 36,049 | 36,101 | 36,015 | 12,357 | 11,247 | 10,651 | 12,106 | 12,769 | 11,761 | 10,542 | 13,106 | 107,655 | 107,427 | | |
| 361,2 | Electrical transmission and distribution equipment and industrial apparatus..... | 1,638 | 1,451 | 1,681 | 1,396 | 4,770 | 4,624 | 5,064 | 1,628 | 1,417 | 1,409 | 1,470 | 1,869 | 1,954 | 1,672 | 1,970 | 14,678 | 17,396 | | |
| 363 | Household appliances..... | 1,054 | 1,139 | 1,058 | 1,007 | 3,251 | 3,086 | 3,007 | 1,119 | 1,158 | 1,027 | 1,112 | 1,188 | 1,096 | 1,099 | 1,324 | 9,479 | 10,478 | | |
| 365 | Radio and TV..... | 789 | 511 | 711 | 653 | 2,011 | 2,161 | 2,039 | 871 | 625 | 580 | 831 | 1,024 | 863 | 537 | 1,150 | 6,019 | 6,682 | | |
| 366 | Communication equipment..... | 4,318 | 4,297 | 4,443 | 4,568 | 13,058 | 12,932 | 12,988 | 4,359 | 3,995 | 3,726 | 4,349 | 4,227 | 3,507 | 3,293 | 4,029 | 38,296 | 33,342 | | |
| 367 | Electronic components..... | 2,357 | 2,257 | 2,496 | 2,110 | 7,110 | 7,328 | 7,180 | 2,300 | 2,184 | 2,171 | 2,320 | 2,260 | 2,380 | 2,156 | 2,493 | 21,903 | 21,838 | | |
| 37 | Transportation equipment..... | 14,427 | 16,084 | 17,515 | 16,347 | 48,026 | 48,953 | 49,625 | 16,114 | 12,524 | 13,708 | 17,019 | 18,031 | 15,089 | 15,370 | 18,125 | 143,192 | 154,843 | | |
| 372,6 | Aircraft, missiles, and parts..... | 3,822 | 5,175 | 4,989 | 4,560 | 13,986 | 15,193 | 20,522 | 4,663 | 3,891 | 4,175 | 4,812 | 7,001 | 4,336 | 5,411 | 4,955 | 47,835 | 49,096 | | |
| 3731 | Shipbuilding and military tank vehicles..... | 428 | 32 | 867 | 877 | 1,327 | 2,680 | 2,894 | 1,006 | 334 | 392 | 469 | 1,183 | 1,575 | 820 | 545 | 6,954 | 9,914 | | |
| 38 | Instruments and related products..... | 4,147 | 3,904 | 3,847 | 3,767 | 11,898 | 11,583 | 11,801 | 4,343 | 3,883 | 3,426 | 4,142 | 4,189 | 3,845 | 3,729 | 4,421 | 35,102 | 35,542 | | |
| 24 | All other durable goods industries..... | 7,853 | 7,569 | 8,033 | 7,918 | 23,435 | 22,831 | 23,983 | 8,340 | 8,098 | 7,441 | 8,194 | 8,658 | 8,517 | 7,975 | 9,017 | 70,794 | 76,896 | | |
| 25 | | | | | | | | | | | | | | | | | | | | |
| 39 | | | | | | | | | | | | | | | | | | | | |

^pPreliminary.^rRevised.

¹Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations, unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

²The supplementary series are groupings of the separate industry categories as follows:

Household durable goods industries--household furniture; kitchen articles and pottery; cutlery, handtools, and hardware; household appliances; radio and TV; optical goods, watches, and clocks; and miscellaneous personal goods.

Capital goods industries--comparable to the previous producers' capital goods and the defense products (old series) categories.

Nondefense products--machinery, except electrical (excluding farm machinery and equipment and machine shops), electrical machinery (excluding household appliances, radio and TV, and electronic components), and the nondefense portions of shipbuilding and repairing and railroad equipment, communication equipment, aircraft and aircraft parts, and ordnance.

Defense products--based on separate reports on defense work filed by large defense contractors in the following industries: Ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding.

The data are comparable to those published annually in the MA-175, "Shipments to Federal Government Agencies" (formerly "Shipments of Defense-Oriented Industries"), for the specified industries.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES
(Millions of dollars)

| SIC | Industry | Seasonally adjusted | | | | | | | | | | Not seasonally adjusted ¹ | | | | | | | |
|-----------------------------------|---|----------------------------|---------------------------|--------------|--------------|-----------|------------|-------------|------------|-----------|----------------------------|--------------------------------------|--------------|--------------|---------------|--------------|--------------|--------------|--|
| | | Monthly | | | | | Quarterly | | | | | Monthly | | | | | | | |
| | | Sept. 1982 ² | Aug. 1982 ² | July 1982 | June 1982 | I 1982 | IV 1981 | III 1981 | II 1981 | I 1981 | Sept. 1982 ² | Aug. 1982 ² | July 1982 | June 1982 | Sept. 1981 | Aug. 1981 | July 1981 | June 1981 | |
| TOTALS | | | | | | | | | | | | | | | | | | | |
| | All manufacturing industries..... | 295,950 | 299,001 | 303,235 | 306,032 | 315,639 | 318,621 | 327,955 | 327,105 | 323,054 | 292,094 | 295,827 | 301,624 | 305,804 | 323,779 | 325,328 | 327,359 | 326,927 | |
| | Manufacturing industries excluding transportation..... | 182,824 | 184,146 | 186,876 | 189,380 | 197,110 | 204,912 | 211,164 | 211,677 | 207,473 | 180,137 | 183,304 | 187,009 | 190,129 | 208,116 | 210,493 | 212,274 | 212,411 | |
| | Durable goods industries..... | 286,742 | 290,011 | 294,272 | 296,866 | 305,947 | 308,370 | 316,841 | 315,618 | 312,018 | 282,927 | 286,850 | 292,684 | 296,652 | 312,743 | 314,048 | 315,995 | 315,449 | |
| | Nondurable goods industries..... | 9,208 | 8,990 | 8,963 | 9,166 | 9,692 | 10,251 | 11,114 | 11,487 | 11,036 | 9,167 | 8,977 | 8,940 | 9,152 | 11,036 | 11,281 | 11,364 | 11,478 | |
| MARKET CATEGORIES | | | | | | | | | | | | | | | | | | | |
| | Home goods and apparel..... | 3,675 | 3,700 | 3,866 | 4,087 | 4,429 | 4,244 | 4,797 | 4,823 | 4,570 | 3,866 | 4,025 | 4,121 | 4,198 | 5,066 | 5,226 | 5,205 | 4,997 | |
| | Consumer staples..... | 180,061 | 182,561 | 185,350 | 186,916 | 190,002 | 187,724 | 191,356 | 189,974 | 188,940 | 177,576 | 179,453 | 183,900 | 186,293 | 188,892 | 189,093 | 190,015 | 189,403 | |
| | Equipment and defense products, except automotive..... | 14,522 | 14,606 | 15,076 | 15,170 | 16,416 | 16,982 | 17,527 | 17,674 | 17,388 | 14,417 | 14,666 | 15,216 | 15,410 | 17,386 | 17,672 | 18,078 | 17,945 | |
| | Automotive equipment..... | 97,692 | 98,134 | 98,943 | 99,859 | 104,793 | 109,671 | 114,276 | 114,634 | 112,156 | 96,235 | 97,683 | 98,387 | 99,903 | 112,435 | 113,336 | 114,063 | 114,582 | |
| SUPPLEMENTARY SERIES ² | | | | | | | | | | | | | | | | | | | |
| | Household durable goods indus- tries..... | 2,662 | 2,689 | 2,815 | 2,961 | 3,288 | 3,069 | 3,623 | 3,704 | 3,531 | 2,794 | 2,999 | 3,058 | 3,119 | 3,853 | 4,033 | 4,003 | 3,915 | |
| | Capital goods industries..... | 211,360 | 214,264 | 216,480 | 218,756 | 222,888 | 220,621 | 224,701 | 222,627 | 220,540 | 208,812 | 211,306 | 214,890 | 218,117 | 222,208 | 221,342 | 222,162 | 221,990 | |
| | Nondefense..... | 126,860 | 129,183 | 132,067 | 134,226 | 140,982 | 146,701 | 153,052 | 154,870 | 155,072 | 125,749 | 128,604 | 132,190 | 134,473 | 151,777 | 153,594 | 154,761 | 154,899 | |
| | Defense ² | 84,500 | 85,081 | 84,413 | 84,530 | 81,905 | 73,919 | 71,650 | 67,758 | 65,468 | 83,063 | 82,702 | 82,700 | 83,644 | 70,431 | 67,748 | 67,400 | 67,091 | |
| INDUSTRY GROUPS AND INDUSTRIES | | | | | | | | | | | | | | | | | | | |
| | Durable goods industries: | 1,780 | 1,684 | 1,707 | 1,720 | 1,835 | 2,241 | 2,155 | 2,296 | 2,286 | 1,743 | 1,696 | 1,771 | 1,759 | 2,113 | 2,273 | 2,365 | 2,351 | |
| 32 | Stone, clay, and glass..... | 21,899 | 22,181 | 22,365 | 22,168 | 23,195 | 26,623 | 29,148 | 29,533 | 28,933 | 20,669 | 21,463 | 21,877 | 22,170 | 27,511 | 28,659 | 29,333 | 29,597 | |
| 33 | Primary metals..... | 13,132 | 13,339 | 13,244 | 12,930 | 13,679 | 16,113 | 17,751 | 17,693 | 16,984 | 12,213 | 12,779 | 12,939 | 13,046 | 16,509 | 17,189 | 17,576 | 17,888 | |
| 333-6,9 | Iron and steel mills and blast furnaces, steel mills, nonferrous and other primary metal products..... | 6,456 | 6,391 | 6,499 | 6,586 | 6,697 | 7,302 | 8,078 | 8,526 | 8,533 | 6,198 | 6,250 | 6,343 | 6,360 | 7,756 | 8,202 | 8,427 | 8,500 | |
| 34 | Fabricated metal products..... | 24,367 | 25,004 | 25,788 | 26,384 | 28,334 | 29,240 | 30,170 | 30,598 | 30,275 | 24,399 | 25,003 | 25,882 | 26,419 | 30,199 | 30,463 | 31,054 | 30,629 | |
| 35 | Machinery, except electrical.... | 58,289 | 59,703 | 61,458 | 63,462 | 67,595 | 72,627 | 74,505 | 75,021 | 74,018 | 57,467 | 59,467 | 61,884 | 63,831 | 73,511 | 74,130 | 74,714 | 75,216 | |
| 351 | Engines and turbines..... | 15,153 | 15,304 | 15,470 | 15,668 | 16,039 | 16,411 | 17,183 | 17,771 | 17,718 | 15,052 | 15,195 | 15,294 | 15,516 | 17,108 | 17,013 | 17,334 | 17,509 | |
| 353 | Construction, mining, and material-handling equipment, except electrical..... | 6,370 | 6,651 | 7,041 | 7,362 | 9,301 | 10,819 | 11,424 | 10,956 | 9,694 | 6,192 | 6,538 | 7,027 | 7,384 | 11,116 | 11,266 | 11,311 | 10,989 | |
| 354 | Metallurgical machinery..... | 2,759 | 2,961 | 3,133 | 3,332 | 3,937 | 4,870 | 5,742 | 6,452 | 6,998 | 2,765 | 3,005 | 3,127 | 3,315 | 5,753 | 6,083 | 6,208 | 6,420 | |
| 356 | General industrial machinery.... | 5,478 | 5,587 | 5,865 | 6,007 | 6,480 | 6,790 | 6,816 | 6,650 | 6,413 | 5,440 | 5,648 | 5,895 | 6,013 | 6,775 | 6,951 | 6,752 | 6,658 | |

See footnotes at end of table.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES--Continued

| SIC | Industry group | (Millions of dollars) | | | | | | | | | |
|-------|---------------------------------|----------------------------|--------------|--------------|--------------|-------------|--------------------------------------|--------------|--------------|--------------|-------------|
| | | Seasonally adjusted | | | | | Not seasonally adjusted ¹ | | | | |
| | | Monthly | | | | | Monthly | | | | |
| | | Sept. 1982 ² | Aug. 1982 | July 1982 | June 1982 | May 1982 | Sept. 1982 ² | Aug. 1982 | July 1982 | June 1982 | May 1982 |
| | | | | | | | | | | | |
| | INDUSTRY GROUP AND INDUSTRIES-- | | | | | | | | | | |
| | Continued | | | | | | | | | | |
| | Durable goods industries-- | | | | | | | | | | |
| 36 | Electrical machinery..... | 55,668 | 55,082 | 54,942 | 54,655 | 53,784 | 51,939 | 52,028 | 50,778 | 49,101 | 55,090 |
| 361,2 | Electrical transmission and | | | | | | | | | | |
| | distribution equipment..... | 7,489 | 7,574 | 7,794 | 7,844 | 8,442 | 8,705 | 8,906 | 8,849 | 8,800 | 7,468 |
| 363 | Household appliances..... | 328 | 361 | 310 | 304 | 323 | 333 | 383 | 429 | 419 | 333 |
| 365 | Radio and TV..... | 415 | 297 | 392 | 426 | 359 | 349 | 526 | 414 | 418 | 516 |
| 366 | Communication equipment..... | 34,873 | 34,252 | 33,654 | 33,268 | 31,690 | 29,697 | 29,423 | 28,239 | 27,019 | 34,202 |
| 367 | Electronic components..... | 11,481 | 11,527 | 11,711 | 11,714 | 11,852 | 11,739 | 11,635 | 11,239 | 11,286 | 11,458 |
| 37 | Transportation equipment..... | 113,126 | 114,855 | 116,359 | 116,652 | 118,529 | 113,709 | 116,791 | 115,427 | 115,582 | 111,957 |
| 372,6 | Aircraft, missiles, and | | | | | | | | | | |
| | parts..... | 89,762 | 91,151 | 91,178 | 91,494 | 92,483 | 87,207 | 89,054 | 87,525 | 88,151 | 88,533 |
| 3731 | Shipbuilding and military | | | | | | | | | | |
| 3795 | tank vehicles..... | 17,899 | 18,416 | 19,237 | 19,361 | 19,503 | 19,449 | 19,993 | 19,732 | 19,110 | 18,043 |
| 38 | Instruments and related | | | | | | | | | | |
| | products..... | 7,220 | 7,078 | 7,069 | 7,128 | 7,362 | 7,189 | 7,112 | 7,034 | 6,984 | 7,186 |
| 25 | All other durable goods | | | | | | | | | | |
| 39 | Industries..... | 4,393 | 4,424 | 4,564 | 4,697 | 5,313 | 4,801 | 4,931 | 4,931 | 4,835 | 4,416 |

Preliminary.

¹Revised.²Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are of the end of the period and are not adjusted for trading-day or calendar-month variations.³The supplementary series are regroupings of the separate industry categories as follows:

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Capital goods industries--Comparable to the previous producers' capital goods and the defense products (old series) categories.

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Defense products--Based on separate reports on defense work filed by large defense contractors in the following industries: Ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding.

The data are comparable to those published annually in the MA-175, "Shipments to Federal Government Agencies" (formerly "Shipments of Defense-Oriented Industries"), for the specified industries.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES
(Millions of dollars)

| SIC | Industry | Seasonally adjusted | | | | | | Not seasonally adjusted ¹ | | | | | | | | | | | |
|-------------|---|----------------------------|--------------|--------------|--------------|-----------|------------|--------------------------------------|------------|-----------|----------------------------|--------------|--------------|--------------|---------------|--------------------------|--------------|--------------|--|
| | | Monthly | | | Quarterly | | | Monthly | | | | | | | | | | | |
| | | Sept. 1982 ^a | Aug. 1982 | July 1982 | June 1982 | I 1982 | II 1981 | III 1981 | IV 1981 | I 1981 | Last 4 months | | | | | Last 4 months a year ago | | | |
| | | | | | | | | | | | Sept. 1982 ^a | Aug. 1982 | July 1982 | June 1982 | Sept. 1981 | Aug. 1981 | July 1981 | June 1981 | |
| | TOTALS | | | | | | | | | | | | | | | | | | |
| | All manufacturing industries..... | 272,151 | 274,302 | 274,914 | 275,115 | 280,065 | 283,152 | 282,209 | 274,616 | 271,062 | 269,499 | 273,292 | 274,487 | 276,281 | 279,528 | 278,108 | 276,499 | 275,626 | |
| | Manufacturing industries ex- cluding transportation..... | 232,040 | 234,517 | 235,575 | 236,041 | 241,915 | 244,915 | 243,800 | 236,930 | 234,021 | 229,547 | 233,497 | 235,574 | 237,630 | 241,184 | 240,118 | 239,021 | 238,371 | |
| | Manufacturing industries with unfilled orders..... | 189,199 | 189,821 | 189,920 | 190,493 | 192,527 | 194,605 | 192,872 | 185,811 | 182,761 | 187,248 | 189,849 | 190,979 | 192,333 | 190,925 | 190,021 | 188,989 | 187,599 | |
| | Durable goods industries..... | 182,830 | 183,550 | 183,798 | 184,289 | 186,063 | 188,429 | 187,686 | 181,125 | 178,374 | 180,804 | 183,110 | 183,859 | 185,442 | 185,676 | 184,603 | 183,218 | 182,247 | |
| | Durable goods with unfilled orders..... | 168,090 | 168,873 | 168,920 | 169,479 | 171,059 | 172,876 | 171,393 | 165,002 | 162,165 | 166,463 | 168,625 | 169,452 | 170,642 | 169,774 | 168,560 | 167,378 | 166,137 | |
| | Nondurable goods industries..... | 89,321 | 90,752 | 91,116 | 90,826 | 94,002 | 94,723 | 94,523 | 93,492 | 92,688 | 88,695 | 90,182 | 90,628 | 90,839 | 93,852 | 93,504 | 93,281 | 93,378 | |
| | Nondurable goods with unfilled orders..... | 21,109 | 20,948 | 21,000 | 21,014 | 21,467 | 21,729 | 21,479 | 20,809 | 20,595 | 20,785 | 21,224 | 21,527 | 21,691 | 21,151 | 21,461 | 21,611 | 21,462 | |
| | MARKET CATEGORIES | | | | | | | | | | | | | | | | | | |
| | Home goods and apparel..... | 21,384 | 21,517 | 21,675 | 21,598 | 22,041 | 22,948 | 22,084 | 21,434 | 21,165 | 21,140 | 21,864 | 22,405 | 22,746 | 21,825 | 22,303 | 22,380 | 22,538 | |
| | Consumer staples..... | 32,533 | 33,262 | 33,351 | 32,832 | 33,631 | 33,100 | 33,375 | 32,829 | 32,854 | 32,933 | 32,777 | 32,208 | 31,935 | 33,802 | 32,955 | 31,963 | 31,890 | |
| | Equipment and defense products, except automotive..... | 77,499 | 77,618 | 77,423 | 77,622 | 76,716 | 76,445 | 75,187 | 73,206 | 71,468 | 70,682 | 71,361 | 77,573 | 77,936 | 74,429 | 73,961 | 73,834 | 73,511 | |
| | Automotive equipment..... | 10,820 | 11,054 | 11,332 | 11,226 | 11,220 | 11,873 | 12,254 | 12,097 | 12,240 | 10,884 | 11,015 | 10,644 | 10,904 | 12,322 | 12,053 | 11,480 | 11,757 | |
| | Construction materials, supplies, and intermediate products..... | 20,165 | 20,490 | 20,415 | 20,533 | 21,078 | 22,172 | 22,488 | 21,800 | 21,111 | 19,753 | 20,189 | 20,360 | 20,783 | 22,030 | 21,954 | 22,029 | 22,047 | |
| | Other materials, supplies, and intermediate products..... | 109,750 | 110,361 | 110,718 | 111,304 | 115,379 | 116,613 | 116,821 | 113,249 | 112,223 | 108,107 | 110,086 | 111,297 | 111,977 | 115,120 | 114,882 | 114,813 | 113,883 | |
| | SUPPLEMENTARY SERIES | | | | | | | | | | | | | | | | | | |
| | Household durable goods indus- tries..... | 10,660 | 10,656 | 10,782 | 10,744 | 10,896 | 11,256 | 11,026 | 10,549 | 10,463 | 10,491 | 10,822 | 10,999 | 11,081 | 10,844 | 11,103 | 10,938 | 10,881 | |
| | Capital goods industries..... | 87,545 | 87,885 | 87,378 | 87,393 | 86,795 | 86,515 | 85,623 | 82,976 | 81,093 | 86,784 | 87,675 | 87,693 | 87,869 | 84,907 | 84,281 | 84,116 | 83,445 | |
| | Nondefense..... | 72,755 | 73,426 | 73,173 | 73,166 | 72,937 | 73,360 | 73,131 | 70,821 | 69,688 | 72,092 | 73,110 | 73,234 | 73,469 | 72,488 | 71,969 | 71,736 | 71,139 | |
| | Defense..... | 14,790 | 14,459 | 14,205 | 14,227 | 13,857 | 13,154 | 12,492 | 12,155 | 11,406 | 14,692 | 14,565 | 14,459 | 14,400 | 12,419 | 12,312 | 12,380 | 12,306 | |
| | INDUSTRY GROUPS AND INDUSTRIES | | | | | | | | | | | | | | | | | | |
| | Durable goods industries: | | | | | | | | | | | | | | | | | | |
| 32 | Stone, clay, and glass products | 6,289 | 6,396 | 6,318 | 6,382 | 6,544 | 6,792 | 6,766 | 6,351 | 6,170 | 6,114 | 6,299 | 6,363 | 6,505 | 6,576 | 6,527 | 6,466 | 6,468 | |
| 322 | Glass containers..... | 692 | 686 | 676 | 678 | 719 | 697 | 679 | 633 | 644 | 678 | 699 | 699 | 691 | 665 | 668 | 635 | 645 | |
| 33 | Primary metals..... | 23,971 | 24,142 | 24,450 | 24,617 | 26,056 | 26,250 | 25,927 | 24,129 | 24,194 | 23,569 | 24,047 | 24,470 | 24,643 | 25,500 | 25,113 | 24,687 | 24,163 | |
| 331 | Blast furnaces, steel mills.. | 11,905 | 12,154 | 12,485 | 12,566 | 13,441 | 13,347 | 13,198 | 12,229 | 12,680 | 11,822 | 12,227 | 12,473 | 12,515 | 13,107 | 12,861 | 12,567 | 12,180 | |
| 333-6, 9 | Nonferrous and other primary metals..... | 10,681 | 10,634 | 10,600 | 10,710 | 11,145 | 11,273 | 11,139 | 10,416 | 10,030 | 10,403 | 10,496 | 10,643 | 10,742 | 10,849 | 10,738 | 10,646 | 10,447 | |
| 34 | Fabricated metal products..... | 19,088 | 19,200 | 19,223 | 19,593 | 19,868 | 20,208 | 20,334 | 19,729 | 19,585 | 18,699 | 19,100 | 19,363 | 19,456 | 19,967 | 20,030 | 20,008 | 19,993 | |
| 341 | Metal cans, barrels, and drums..... | 1,705 | 1,555 | 1,528 | 1,504 | 1,409 | 1,318 | 1,576 | 1,569 | 1,604 | 1,449 | 1,480 | 1,610 | 1,677 | 1,341 | 1,484 | 1,634 | 1,727 | |
| 35 | Machinery, except electrical... | 43,083 | 43,572 | 43,895 | 44,008 | 44,134 | 44,376 | 43,471 | 41,799 | 41,142 | 42,621 | 43,386 | 43,893 | 44,342 | 42,983 | 42,616 | 42,413 | 42,114 | |
| 351 | Engines and turbines..... | 2,392 | 2,454 | 2,578 | 2,520 | 2,587 | 2,625 | 2,672 | 2,512 | 2,495 | 2,350 | 2,415 | 2,513 | 2,542 | 2,624 | 2,479 | 2,509 | 2,535 | |
| 352 | Farm machinery and equipment. | 2,650 | 2,583 | 2,591 | 2,763 | 2,808 | 2,935 | 2,804 | 2,847 | 2,904 | 2,517 | 2,554 | 2,565 | 2,805 | 2,667 | 2,830 | 2,822 | 2,890 | |
| 353 | Construction, mining, and material-handling equipment. | 10,595 | 10,993 | 10,996 | 11,134 | 10,950 | 10,643 | 10,044 | 9,543 | 9,271 | 10,425 | 10,905 | 11,040 | 11,200 | 9,883 | 9,762 | 9,718 | 9,600 | |
| 354 | Metalworking machinery..... | 2,298 | 2,319 | 2,376 | 2,427 | 2,588 | 2,744 | 2,858 | 2,743 | 2,756 | 2,275 | 2,323 | 2,385 | 2,439 | 2,829 | 2,834 | 2,831 | 2,757 | |
| 356 | General industrial machinery. | 4,015 | 4,036 | 4,085 | 4,094 | 4,098 | 4,089 | 4,053 | 3,924 | 3,785 | 3,963 | 4,012 | 4,098 | 4,139 | 4,000 | 3,992 | 3,976 | 3,967 | |

See footnotes at end of table.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES--Continued

(Millions of dollars)

| SIC | Industry | Seasonally adjusted | | | | | Quarterly | | | | | Monthly | | | | | Not seasonally adjusted | | | | | | |
|----------|----------------------------------|----------------------------|--------------|--------------|--------------|-----------|------------|-------------|------------|-----------|------------|-------------|------------|----------------------------|--------------|--------------|-------------------------|---------------|--------------|--------------|--------------|--|--|
| | | Monthly | | | | | Quarterly | | | | | Monthly | | | | | Not seasonally adjusted | | | | | | |
| | | Sept. 1982 ^p | Aug. 1982 | July 1982 | June 1982 | I 1982 | II 1981 | III 1981 | IV 1981 | I 1981 | II 1981 | III 1981 | IV 1981 | Sept. 1982 ^p | Aug. 1982 | July 1982 | June 1982 | Sept. 1981 | Aug. 1981 | July 1981 | June 1981 | | |
| 36 | INDUSTRY GROUPS AND INDUSTRIES-- | | | | | | | | | | | | | | | | | | | | | | |
| 361, 2 | Continued | | | | | | | | | | | | | | | | | | | | | | |
| | Durable goods industries-- | | | | | | | | | | | | | | | | | | | | | | |
| | Continued | | | | | | | | | | | | | | | | | | | | | | |
| 361, 2 | Electrical machinery..... | 26,650 | 26,891 | 26,834 | 26,950 | 27,526 | 28,142 | 28,110 | 27,234 | 26,533 | 26,414 | 26,927 | 27,078 | 27,472 | 27,849 | 27,846 | 27,749 | 27,763 | | | | | |
| 363 | Electrical transmission and | | | | | | | | | | | | | | | | | | | | | | |
| 363 | distribution apparatus..... | 4,222 | 4,304 | 4,291 | 4,376 | 4,474 | 4,566 | 4,710 | 4,462 | 4,280 | 4,185 | 4,278 | 4,304 | 4,430 | 4,666 | 4,541 | 4,542 | 4,515 | | | | | |
| 365 | Household appliances..... | 1,813 | 1,837 | 1,926 | 1,886 | 1,895 | 2,044 | 2,050 | 1,951 | 1,894 | 1,715 | 1,811 | 1,951 | 1,982 | 1,939 | 2,006 | 2,027 | 2,050 | | | | | |
| 365 | Radio and TV..... | 1,669 | 1,629 | 1,664 | 1,674 | 1,799 | 1,866 | 1,732 | 1,549 | 1,489 | 1,650 | 1,714 | 1,747 | 1,746 | 1,715 | 1,741 | 1,679 | 1,715 | | | | | |
| 366 | Communication equipment.... | 9,348 | 9,329 | 9,334 | 9,334 | 9,410 | 9,337 | 9,241 | 9,257 | 9,133 | 9,291 | 9,360 | 9,307 | 9,388 | 9,188 | 9,234 | 9,231 | 9,280 | | | | | |
| 367 | Electronic components..... | 5,530 | 5,577 | 5,520 | 5,545 | 5,680 | 5,823 | 5,827 | 5,710 | 5,457 | 5,514 | 5,577 | 5,603 | 5,651 | 5,810 | 5,785 | 5,836 | 5,818 | | | | | |
| 37 | Transportation equipment..... | 40,111 | 39,785 | 39,339 | 39,074 | 38,150 | 38,237 | 38,409 | 37,686 | 37,041 | 39,952 | 39,795 | 38,913 | 38,344 | 37,990 | 37,478 | 37,255 | 37,255 | | | | | |
| 371 | Motor vehicles and parts..... | 8,483 | 8,600 | 8,849 | 8,669 | 8,673 | 9,226 | 9,168 | 9,596 | 9,838 | 8,620 | 8,676 | 8,277 | 8,388 | 9,761 | 9,601 | 9,062 | 9,310 | | | | | |
| 372, 6 | Aircraft, missiles, and parts | | | | | | | | | | | | | | | | | | | | | | |
| 3731 | Shipbuilding and military | | | | | | | | | | | | | | | | | | | | | | |
| 3735 | tank vehicles..... | 1,482 | 1,610 | 1,584 | 1,672 | 1,909 | 2,181 | 2,244 | 2,255 | 2,218 | 1,513 | 1,613 | 1,623 | 1,682 | 2,299 | 2,128 | 2,214 | 2,269 | | | | | |
| 38 | Instruments and related | | | | | | | | | | | | | | | | | | | | | | |
| 381-4 | products..... | 9,441 | 9,387 | 9,422 | 9,393 | 9,399 | 9,610 | 9,528 | 9,372 | 9,188 | 9,366 | 9,397 | 9,493 | 9,596 | 9,463 | 9,418 | 9,450 | 9,575 | | | | | |
| 386 | Scientific and engineering... | 6,656 | 6,592 | 6,623 | 6,600 | 6,482 | 6,531 | 6,473 | 6,389 | 6,189 | 6,602 | 6,566 | 6,649 | 6,712 | 6,428 | 6,389 | 6,425 | 6,458 | | | | | |
| 24 | Photographic goods..... | 2,284 | 2,292 | 2,288 | 2,288 | 2,405 | 2,537 | 2,508 | 2,405 | 2,408 | 2,265 | 2,326 | 2,330 | 2,368 | 2,490 | 2,471 | 2,448 | 2,467 | | | | | |
| 25 | All other durable goods | | | | | | | | | | | | | | | | | | | | | | |
| 39 | Industries..... | 16,197 | 16,177 | 16,317 | 16,272 | 16,404 | 16,814 | 15,141 | 16,824 | 16,523 | 16,069 | 16,159 | 16,286 | 16,377 | 16,994 | 15,065 | 16,967 | 16,917 | | | | | |
| | Nondurable goods industries: | | | | | | | | | | | | | | | | | | | | | | |
| 20 | Food and kindred products.... | 19,795 | 20,212 | 20,178 | 19,830 | 20,405 | 20,400 | 21,290 | 21,296 | 21,583 | 19,977 | 19,756 | 19,226 | 18,808 | 21,441 | 20,868 | 20,257 | 20,184 | | | | | |
| 201 | Meat products..... | 1,769 | 1,798 | 1,822 | 1,803 | 1,934 | 1,711 | 1,860 | 1,999 | 2,010 | 1,716 | 1,714 | 1,755 | 1,800 | 1,785 | 1,794 | 1,873 | 1,995 | | | | | |
| 208 | Beverages..... | 3,347 | 3,498 | 3,529 | 3,579 | 3,619 | 3,664 | 3,760 | 3,617 | 3,757 | 3,310 | 3,320 | 3,381 | 3,486 | 3,693 | 3,445 | 3,426 | 3,523 | | | | | |
| 207 | Fats and oils..... | 1,297 | 1,229 | 1,244 | 1,381 | 1,298 | 1,403 | 1,501 | 1,512 | 1,650 | 969 | 992 | 1,169 | 1,269 | 1,121 | 1,270 | 1,309 | 1,394 | | | | | |
| 203-6, 9 | All other foods..... | 11,744 | 12,051 | 11,853 | 11,433 | 11,778 | 11,884 | 12,499 | 12,434 | 12,411 | 12,331 | 12,039 | 11,249 | 10,575 | 13,112 | 12,583 | 11,867 | 11,450 | | | | | |
| 21 | Tobacco products..... | 4,492 | 4,696 | 4,893 | 4,697 | 4,572 | 4,401 | 4,088 | 3,733 | 3,839 | 4,469 | 4,367 | 4,360 | 4,448 | 4,063 | 3,750 | 3,486 | 3,539 | | | | | |
| 22 | Textile mill products..... | 6,394 | 6,381 | 6,428 | 6,367 | 6,387 | 7,011 | 7,008 | 6,949 | 6,812 | 6,205 | 6,344 | 6,444 | 6,470 | 6,810 | 6,914 | 6,977 | 7,064 | | | | | |
| 26 | Paper and allied products.... | 8,870 | 8,748 | 8,734 | 8,757 | 8,921 | 8,825 | 8,545 | 8,239 | 8,173 | 8,680 | 8,778 | 8,858 | 9,005 | 8,362 | 8,432 | 8,468 | 8,472 | | | | | |
| 261-3 | Pulp, paper, etc..... | 3,630 | 3,618 | 3,608 | 3,576 | 3,340 | 3,461 | 3,275 | 3,166 | 3,115 | 3,565 | 3,636 | 3,622 | 3,635 | 3,217 | 3,269 | 3,208 | 3,218 | | | | | |
| 265 | Paperboard containers..... | 2,280 | 2,282 | 2,222 | 2,291 | 2,312 | 2,392 | 2,309 | 2,192 | 2,137 | 2,248 | 2,296 | 2,295 | 2,378 | 2,277 | 2,287 | 2,293 | 2,273 | | | | | |
| 264 | All other paper containers... | 2,960 | 2,848 | 2,904 | 2,890 | 3,070 | 2,972 | 2,961 | 2,881 | 2,921 | 2,867 | 2,846 | 2,941 | 2,992 | 2,868 | 2,876 | 2,967 | 2,981 | | | | | |
| 28 | Chemicals and allied products.. | 20,357 | 20,656 | 20,798 | 20,973 | 21,428 | 21,615 | 21,334 | 20,917 | 20,141 | 19,876 | 20,388 | 20,750 | 20,864 | 20,839 | 20,940 | 20,891 | 20,780 | | | | | |
| 281, 6 | Industrial chemicals, except | | | | | | | | | | | | | | | | | | | | | | |
| | pigments..... | 6,280 | 6,358 | 6,408 | 6,566 | 6,763 | 6,962 | 6,876 | 6,864 | 6,665 | 6,136 | 6,307 | 6,453 | 6,501 | 6,725 | 6,826 | 6,849 | 6,817 | | | | | |
| 283, 4 | Drugs, soap, and toiletries... | 6,364 | 6,389 | 6,421 | 6,450 | 6,690 | 6,492 | 6,324 | 6,283 | 6,148 | 6,262 | 6,389 | 6,485 | 6,612 | 6,229 | 6,417 | 6,372 | 6,440 | | | | | |
| 29 | Petroleum and coal products... | 9,102 | 9,329 | 9,220 | 9,101 | 10,531 | 10,544 | 10,810 | 11,423 | 11,431 | 9,291 | 9,489 | 9,332 | 9,096 | 11,024 | 11,044 | 11,281 | 11,412 | | | | | |
| 30 | Rubber and plastics products.. | 5,514 | 5,791 | 5,868 | 6,046 | 6,153 | 6,298 | 6,434 | 6,308 | 6,199 | 5,383 | 5,676 | 5,858 | 6,097 | 6,281 | 6,219 | 6,334 | 6,360 | | | | | |
| 23 | n.e.c..... | | | | | | | | | | | | | | | | | | | | | | |
| 27 | All other nondurable goods | | | | | | | | | | | | | | | | | | | | | | |
| 31 | Industries..... | 16,797 | 16,939 | 16,997 | 15,055 | 15,406 | 15,628 | 15,015 | 16,626 | 16,511 | 16,814 | 15,384 | 15,810 | 16,051 | 15,031 | 15,337 | 15,587 | 15,567 | | | | | |

Preliminary. Revised.

¹Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

²The supplementary series are regroupings of the separate industry categories as follows:

Household durable goods industries--Household furniture; kitchen articles and pottery; cutlery, handtools, and hardware; household appliances; radio and TV, ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Capital goods industries--Comparable to the previous producers' capital goods and the defense products (old series) categories.

Nondefense goods industries--Machinery, except electrical (excluding farm machinery and equipment and machine shops), electrical machinery (excluding household appliances, radio and TV, and electronic components), and the nondefense portions of shipbuilding and repairing and railroad equipment, communication equipment, aircraft and aircraft parts, and ordnance.

Defense products--Based on separate reports on defense work filed by large defense contractors in the following industries: Ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding.

The data are comparable to those published annually in the MA-175, "Shipments to Federal Government Agencies" (formerly "Shipments of Defense-Oriented Industries"), for the specified industries.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP
(Millions of dollars)

| Industry | Seasonally adjusted | | | | | Quarterly | | | | | Monthly | | | | |
|--|----------------------------|---------------------------|--------------|--------------|-----------|------------|-------------|------------|-----------|----------------------------|---------------------------|--------------|--------------|---------------|--------------------------|
| | Monthly | | | | | I | | | | | Last 4 months | | | | |
| | Sept. 1982 ^a | Aug. 1982 ^a | July 1982 | June 1982 | I 1982 | IV 1981 | III 1981 | II 1981 | I 1981 | Sept. 1982 ^a | Aug. 1982 ^a | July 1982 | June 1982 | Sept. 1981 | Last 4 months a year ago |
| TOTALS | | | | | | | | | | | | | | | |
| All manufacturing industries..... | 274,151 | 274,302 | 274,914 | 275,115 | 280,065 | 283,152 | 282,209 | 274,616 | 271,062 | 269,499 | 273,292 | 274,487 | 276,281 | 279,528 | 276,499 |
| Durable goods industries..... | 182,830 | 183,550 | 183,798 | 184,289 | 186,063 | 188,429 | 187,686 | 181,125 | 178,374 | 180,804 | 183,110 | 183,859 | 185,442 | 185,642 | 183,218 |
| Stone, clay, and glass products..... | 6,289 | 6,396 | 6,318 | 6,382 | 6,564 | 6,792 | 6,766 | 6,351 | 6,170 | 6,114 | 6,299 | 6,470 | 6,505 | 6,576 | 6,466 |
| Primary metals..... | 23,971 | 24,142 | 24,617 | 24,617 | 26,056 | 26,250 | 25,927 | 24,192 | 24,192 | 23,569 | 24,047 | 24,470 | 24,643 | 25,500 | 24,687 |
| Fabricated metals..... | 19,088 | 19,200 | 19,233 | 19,593 | 19,848 | 20,208 | 20,374 | 19,729 | 19,585 | 18,699 | 19,100 | 19,363 | 19,856 | 20,030 | 19,993 |
| Nonferrous metals..... | 43,083 | 43,572 | 43,895 | 44,008 | 44,134 | 44,376 | 43,471 | 41,799 | 41,162 | 42,386 | 43,386 | 43,893 | 44,362 | 42,983 | 42,114 |
| Electrical machinery..... | 26,651 | 26,891 | 27,034 | 27,256 | 28,142 | 28,142 | 28,110 | 27,334 | 26,533 | 26,414 | 26,927 | 27,078 | 27,472 | 27,849 | 27,763 |
| Transportation equipment..... | 40,111 | 39,785 | 39,339 | 39,074 | 38,150 | 38,237 | 38,409 | 37,686 | 37,031 | 36,952 | 37,795 | 38,913 | 38,651 | 38,344 | 37,478 |
| Instruments and related products..... | 9,441 | 9,387 | 9,422 | 9,393 | 9,399 | 9,610 | 9,528 | 9,372 | 9,188 | 9,366 | 9,397 | 9,493 | 9,596 | 9,463 | 9,418 |
| Transport and related products..... | 14,177 | 14,177 | 14,272 | 14,404 | 14,404 | 14,414 | 14,414 | 14,424 | 14,523 | 14,069 | 14,159 | 14,286 | 14,377 | 14,994 | 14,917 |
| All other durable goods industries..... | 89,321 | 90,752 | 91,116 | 90,826 | 94,002 | 94,723 | 94,523 | 93,492 | 92,688 | 88,695 | 90,182 | 90,628 | 90,839 | 93,852 | 93,281 |
| Non-durable goods industries..... | 20,357 | 20,656 | 20,798 | 20,973 | 21,428 | 21,615 | 21,314 | 20,917 | 20,141 | 19,876 | 20,388 | 20,750 | 20,864 | 20,839 | 20,940 |
| Chemicals and allied products..... | 9,102 | 9,329 | 9,220 | 9,101 | 10,544 | 10,810 | 10,810 | 11,421 | 11,421 | 9,291 | 9,489 | 9,332 | 9,096 | 11,024 | 11,412 |
| Petroleum and coal products..... | 5,514 | 5,791 | 5,868 | 6,046 | 6,153 | 6,298 | 6,434 | 6,308 | 6,199 | 5,383 | 5,676 | 5,848 | 6,087 | 6,281 | 6,334 |
| Rubber and plastics products, n.e.c..... | 54,348 | 54,976 | 55,230 | 54,706 | 55,891 | 56,266 | 55,945 | 54,843 | 54,917 | 54,145 | 54,629 | 54,698 | 55,707 | 55,301 | 54,826 |
| All other nondurable goods industries..... | | | | | | | | | | | | | | | |
| MATERIALS AND SUPPLIES | | | | | | | | | | | | | | | |
| All manufacturing industries..... | 90,559 | 91,639 | 92,337 | 94,214 | 96,476 | 96,314 | 96,314 | 94,091 | 93,356 | 89,708 | 91,081 | 92,241 | 92,369 | 95,643 | 94,181 |
| Durable goods industries..... | 54,721 | 55,191 | 55,781 | 55,643 | 56,897 | 58,461 | 58,408 | 57,017 | 56,382 | 54,565 | 55,255 | 55,773 | 55,708 | 58,778 | 58,036 |
| Stone, clay, and glass products..... | 2,161 | 2,205 | 2,182 | 2,226 | 2,332 | 2,372 | 2,389 | 2,257 | 2,231 | 2,151 | 2,188 | 2,201 | 2,231 | 2,399 | 2,362 |
| Primary metals..... | 6,143 | 6,268 | 6,175 | 6,498 | 6,806 | 6,909 | 6,750 | 6,342 | 6,125 | 6,044 | 6,250 | 6,343 | 6,404 | 6,750 | 6,425 |
| Fabricated metals..... | 7,113 | 7,112 | 7,112 | 7,232 | 7,388 | 7,704 | 7,888 | 7,503 | 7,355 | 7,072 | 7,147 | 7,229 | 7,281 | 7,658 | 7,442 |
| Nonferrous metals..... | 11,227 | 11,321 | 11,351 | 11,458 | 11,565 | 11,565 | 11,568 | 10,980 | 10,769 | 11,100 | 11,296 | 11,436 | 11,467 | 11,436 | 11,373 |
| Electrical machinery..... | 7,433 | 7,512 | 7,556 | 7,514 | 7,902 | 8,295 | 8,402 | 8,137 | 7,983 | 7,399 | 7,574 | 7,765 | 7,688 | 8,364 | 8,423 |
| Transportation equipment..... | 10,389 | 10,525 | 10,844 | 10,844 | 10,769 | 10,769 | 10,778 | 10,446 | 10,143 | 10,345 | 10,543 | 10,410 | 10,276 | 10,668 | 10,594 |
| Instruments and related products..... | 2,905 | 2,828 | 2,839 | 2,836 | 2,982 | 2,982 | 3,019 | 3,016 | 2,968 | 2,883 | 2,807 | 2,855 | 2,875 | 3,001 | 3,065 |
| Transport and related products..... | 5,370 | 5,410 | 5,522 | 5,594 | 5,711 | 5,928 | 6,114 | 5,947 | 5,867 | 5,453 | 5,456 | 5,533 | 5,466 | 6,207 | 5,804 |
| All other durable goods industries..... | 35,838 | 36,448 | 36,789 | 36,714 | 37,317 | 38,015 | 37,606 | 37,074 | 36,974 | 35,163 | 35,826 | 36,468 | 36,661 | 36,850 | 37,309 |
| Non-durable goods industries..... | 8,165 | 8,116 | 8,197 | 8,112 | 8,169 | 8,333 | 8,395 | 8,222 | 7,984 | 7,980 | 8,051 | 8,219 | 8,090 | 8,240 | 8,189 |
| Chemicals and allied products..... | 2,358 | 2,497 | 2,331 | 2,399 | 2,452 | 2,658 | 2,738 | 2,819 | 2,732 | 2,365 | 2,477 | 2,452 | 2,434 | 2,395 | 2,371 |
| Petroleum and coal products..... | 1,736 | 1,914 | 2,054 | 2,024 | 2,166 | 2,448 | 2,427 | 2,385 | 2,404 | 1,764 | 1,920 | 2,103 | 2,061 | 2,161 | 2,424 |
| Rubber and plastics products, n.e.c..... | 23,599 | 23,921 | 24,207 | 24,512 | 24,512 | 24,576 | 24,386 | 23,648 | 23,864 | 23,074 | 23,378 | 23,792 | 24,076 | 23,796 | 23,617 |
| All other nondurable goods industries..... | | | | | | | | | | | | | | | |
| WORK IN PROCESS | | | | | | | | | | | | | | | |
| All manufacturing industries..... | 95,406 | 95,987 | 95,735 | 96,859 | 97,358 | 99,010 | 98,834 | 96,523 | 95,353 | 95,026 | 96,284 | 95,829 | 96,602 | 98,425 | 96,283 |
| Durable goods industries..... | 80,404 | 80,458 | 80,216 | 81,304 | 81,729 | 82,814 | 82,621 | 80,362 | 79,159 | 79,982 | 80,739 | 80,251 | 81,110 | 82,192 | 81,036 |
| Stone, clay, and glass products..... | 956 | 939 | 919 | 929 | 959 | 1,033 | 1,032 | 924 | 924 | 922 | 923 | 912 | 932 | 984 | 966 |
| Primary metals..... | 6,568 | 6,639 | 6,696 | 6,864 | 7,101 | 7,307 | 7,259 | 7,156 | 6,955 | 6,782 | 6,884 | 7,033 | 7,206 | 7,159 | 7,243 |
| Fabricated metals..... | 6,892 | 6,839 | 6,961 | 7,101 | 7,302 | 7,302 | 7,259 | 7,156 | 6,955 | 6,782 | 6,884 | 7,033 | 7,206 | 7,159 | 7,243 |
| Nonferrous metals..... | 17,478 | 17,782 | 18,050 | 18,232 | 18,423 | 18,264 | 19,192 | 18,507 | 18,423 | 17,369 | 17,781 | 17,808 | 18,115 | 19,031 | 18,611 |
| Electrical machinery..... | 13,346 | 13,461 | 13,461 | 13,643 | 13,654 | 13,871 | 13,782 | 13,522 | 13,312 | 13,312 | 13,539 | 13,669 | 13,761 | 13,736 | 13,671 |
| Transportation equipment..... | 24,995 | 24,593 | 24,593 | 24,231 | 23,404 | 23,002 | 23,355 | 22,074 | 22,654 | 24,982 | 24,586 | 23,896 | 23,792 | 23,370 | 23,824 |
| Instruments and related products..... | 4,045 | 4,068 | 4,112 | 4,145 | 4,103 | 4,187 | 4,109 | 4,043 | 3,957 | 4,033 | 4,110 | 4,131 | 4,189 | 4,101 | 4,066 |
| Transport and related products..... | 3,124 | 3,153 | 3,143 | 3,169 | 3,203 | 3,286 | 3,286 | 3,362 | 3,338 | 3,141 | 3,177 | 3,159 | 3,181 | 3,303 | 3,374 |
| All other durable goods industries..... | 15,002 | 15,529 | 15,519 | 15,555 | 15,629 | 16,196 | 16,213 | 16,161 | 16,194 | 15,044 | 15,545 | 15,578 | 15,492 | 16,233 | 16,231 |
| Non-durable goods industries..... | 3,395 | 3,539 | 3,545 | 3,618 | 3,641 | 3,629 | 3,515 | 3,489 | 3,491 | 3,364 | 3,514 | 3,533 | 3,603 | 3,482 | 3,451 |
| Chemicals and allied products..... | 2,464 | 2,624 | 2,634 | 2,554 | 2,800 | 3,026 | 2,944 | 2,951 | 3,003 | 2,614 | 2,614 | 2,687 | 2,571 | 2,885 | 3,044 |
| Petroleum and coal products..... | 1,220 | 1,305 | 1,246 | 1,269 | 1,216 | 1,189 | 1,188 | 1,163 | 1,124 | 1,219 | 1,286 | 1,230 | 1,237 | 1,186 | 1,179 |
| Rubber and plastics products, n.e.c..... | 7,923 | 8,061 | 8,094 | 8,094 | 8,172 | 8,552 | 8,566 | 8,558 | 8,576 | 8,041 | 8,131 | 8,128 | 8,081 | 8,680 | 8,553 |
| All other nondurable goods industries..... | | | | | | | | | | | | | | | |
| FINISHED GOODS | | | | | | | | | | | | | | | |
| All manufacturing industries..... | 86,186 | 86,676 | 86,609 | 85,899 | 88,492 | 87,664 | 86,863 | 84,001 | 82,356 | 84,765 | 85,927 | 86,417 | 87,310 | 85,459 | 83,887 |
| Durable goods industries..... | 47,705 | 47,901 | 47,801 | 47,342 | 47,435 | 47,153 | 46,158 | 43,744 | 42,835 | 46,277 | 47,116 | 47,835 | 48,624 | 44,706 | 44,146 |
| Stone, clay, and glass products..... | 3,192 | 3,228 | 3,239 | 3,255 | 3,387 | 3,387 | 3,315 | 3,071 | 3,015 | 3,041 | 3,188 | 3,250 | 3,322 | 3,183 | 3,149 |
| Primary metals..... | 6,360 | 6,360 | 6,379 | 6,355 | 6,684 | 6,524 | 6,573 | 6,032 | 5,914 | 5,946 | 6,058 | 6,284 | 6,305 | 6,252 | 6,082 |
| Fabricated metals..... | 5,083 | 5,218 | 5,150 | 5,260 | 5,158 | 5,165 | 5,187 | 5,050 | 4,871 | 4,865 | 5,069 | 5,101 | 5,045 | 4,950 | 4,934 |
| Nonferrous metals..... | 14,378 | 14,470 | 14,494 | 14,318 | 13,991 | 13,547 | 12,711 | 12,023 | 11,687 | 14,172 | 14,309 | 14,648 | 15,760 | 12,516 | 12,379 |
| Electrical machinery..... | 5,871 | 5,883 | 5,817 | 5,793 | 5,970 | 5,976 | 5,926 | 5,575 | 5,523 | 5,703 | 5,814 | 5,844 | 6,043 | 5,711 | 5,652 |
| Transportation equipment..... | 4,727 | 4,667 | 4,610 | 4,556 | 4,577 | 4,529 | 4,476 | 4,166 | 4,244 | 4,605 | 4,666 | 4,607 | 4,543 | 4,411 | 4,490 |
| Instruments and related products..... | 2,491 | 2,491 | 2,471 | 2,412 | 2,309 | 2,441 | 2,400 | 2,313 | 2,263 | 2,450 | 2,480 | 2,507 | 2,532 | 2,361 | 2,330 |
| Transport and related products..... | 5,703 | 5,614 | 5,552 | 5,509 | 5,491 | 5,584 | 5,742 | 5,514 | 5,318 | 5,475 | 5,532 | 5,594 | 5,484 | 5,572 | 5,743 |
| All other durable goods industries..... | 38,481 | 38,775 | 38,808 | 38,557 | 41,057 | 40,511 | 40,705 | 40,524 | 39,521 | 38,488 | 38,811 | 38,582 | 38,686 | 40,753 | 40,204 |
| Non-durable goods industries..... | 8,817 | 9,001 | 9,056 | 9,223 | 9,818 | 9,853 | 9,424 | 9,206 | 8,666 | 8,532 | 8,823 | 8,998 | 9,171 | 9,177 | 9,068 |
| Chemicals and allied products..... | 4,280 | 4,208 | 4,255 | 4,148 | 5,279 | 4,860 | 5,468 | 5,653 | 5,506 | 4,906 | 5,147 | 5,243 | 5,552 | 5,552 | 5,575 |
| Petroleum and coal products..... | 2,558 | 2,572 | 2,568 | 2,572 | 2,753 | 2,661 | 2,819 | 2,760 | 2,671 | 2,420 | 2,470 | 2,513 | 2,799 | 2,661 | 2,727 |
| Rubber and plastics products, n.e.c..... | 22,826 | 22,994 | 22,994 | 22,433 | 23,207 | 23,137 | 22,994 | 22,638 | 22,478 | 23,030 | 23,120 | 22,778 | 22,625 | 23,231 | 22,989 |
| All other nondurable goods industries..... | | | | | | | | | | | | | | | |

^a Preliminary.
^b Revised.

Table 6. PERCENT CHANGES AND REVISIONS OF MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS

(Based on seasonally adjusted data)

| Item and industry group | Percent changes | | | | | | | Revisions ² | | |
|-----------------------------------|--------------------------|-------------------------|-------------------------|--|---------------------------|--------------------------|------------------------------------|---------------------------|------------------------------------|------------------|
| | Month-to-month | | | Average monthly rates of change ¹ | | | | Year ago Sept. 1981 | Average monthly | |
| | Aug. 1982- Sept. 1982 | July 1982- Aug. 1982 | June 1982- July 1982 | Third quarter 1982 | Second quarter 1982 | First quarter 1982 | Oct.-1981 through Sept.-1982 | | Sept. 1981 through Aug. 1982 | Sept. 1977-81 |
| Shipments: | | | | | | | | | | |
| All manufacturing industries..... | 0.0 | -1.7 | -0.1 | -0.6 | +0.8 | -0.4 | -0.5 | 0.4 | 0.3 | 0.3 |
| Durable goods industries..... | -1.4 | -2.3 | +0.2 | -1.2 | +0.3 | -0.4 | -0.9 | 0.0 | 0.3 | 0.2 |
| Nondurable goods industries..... | +1.2 | -1.2 | -0.3 | -0.1 | +1.3 | -0.5 | -0.1 | 0.7 | 0.4 | 0.4 |
| Inventories: | | | | | | | | | | |
| All manufacturing industries..... | -0.8 | -0.2 | -0.1 | -0.4 | -0.6 | -0.4 | +0.3 | 0.1 | 0.1 | 0.2 |
| New orders: | | | | | | | | | | |
| All manufacturing industries..... | +0.7 | -2.7 | +1.0 | -0.3 | 0.0 | -0.1 | -0.6 | 0.1 | 0.3 | 0.5 |
| Durable goods industries..... | -0.1 | -4.5 | +2.5 | -0.7 | -1.4 | +0.6 | -1.2 | 0.6 | 0.7 | 0.5 |
| Nondurable goods industries..... | +1.5 | -0.9 | -0.4 | 0.0 | +1.3 | -0.4 | -0.1 | 0.8 | 0.4 | 0.6 |
| Unfilled orders: | | | | | | | | | | |
| Durable goods industries..... | -1.1 | -1.4 | -0.9 | -1.1 | -1.0 | -0.3 | -0.8 | 0.1 | 0.1 | 0.2 |

- Represents zero.

¹Method of calculation of these percentages for the quarter and the 12-month time intervals reflect compounded monthly growth rates.²The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the sample averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

Table 7. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

| Industry group | Inventories--shipments ratio | | | | Unfilled orders--shipments ratio ¹ (months' backlog) | | | |
|--|------------------------------|--------------|--------------|--------------|--|--------------|--------------|--------------|
| | Sept. 1982 | Aug. 1982 | July 1982 | June 1982 | Sept. 1982 | Aug. 1982 | July 1982 | June 1982 |
| All manufacturing industries..... | 1.72 | 1.73 | 1.70 | 1.70 | 3.67 | 3.69 | 3.67 | 3.69 |
| Durable goods industries..... | 2.40 | 2.38 | 2.33 | 2.34 | 4.49 | 4.55 | 4.49 | 4.51 |
| Stone, clay, and glass products..... | 1.69 | 1.71 | 1.68 | 1.66 | 0.54 | 0.52 | 0.51 | 0.51 |
| Primary metals..... | 2.92 | 2.88 | 2.90 | 2.86 | 2.67 | 2.65 | 2.65 | 2.58 |
| Fabricated metals..... | 2.02 | 1.98 | 1.93 | 1.98 | 2.84 | 2.84 | 2.83 | 2.95 |
| Machinery, except electrical..... | 2.82 | 2.93 | 2.95 | 2.84 | 4.07 | 4.26 | 4.42 | 4.38 |
| Electrical machinery..... | 2.32 | 2.35 | 2.22 | 2.32 | 4.84 | 4.82 | 4.54 | 4.70 |
| Transportation equipment..... | 2.48 | 2.26 | 2.21 | 2.22 | 11.63 | 11.58 | 11.14 | 10.96 |
| Instruments and related products..... | 2.36 | 2.41 | 2.41 | 2.34 | 1.80 | 1.82 | 1.81 | 1.78 |
| Nondurable goods industries..... | 1.08 | 1.12 | 1.11 | 1.10 | 0.55 | 0.52 | 0.53 | 0.54 |
| Food and kindred products..... | 0.86 | 0.91 | 0.87 | 0.85 | (X) | (X) | (X) | (X) |
| Tobacco products..... | 2.97 | 3.78 | 4.79 | 3.48 | (X) | (X) | (X) | (X) |
| Textile mill products..... | 1.56 | 1.52 | 1.58 | 1.51 | (NA) | (NA) | (NA) | (NA) |
| Paper and allied products..... | 1.40 | 1.34 | 1.35 | 1.36 | (NA) | (NA) | (NA) | (NA) |
| Chemicals and allied products..... | 1.41 | 1.42 | 1.46 | 1.44 | (X) | (X) | (X) | (X) |
| Petroleum and coal products..... | 0.52 | 0.55 | 0.52 | 0.52 | (X) | (X) | (X) | (X) |
| Rubber and plastics products, n.e.c..... | 1.57 | 1.61 | 1.54 | 1.61 | (X) | (X) | (X) | (X) |

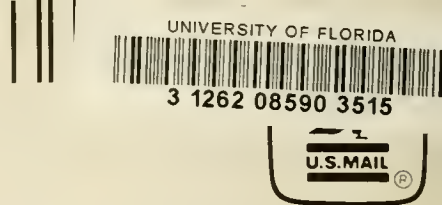
(NA) Not available. (X) Not applicable.

¹Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operation; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

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